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NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

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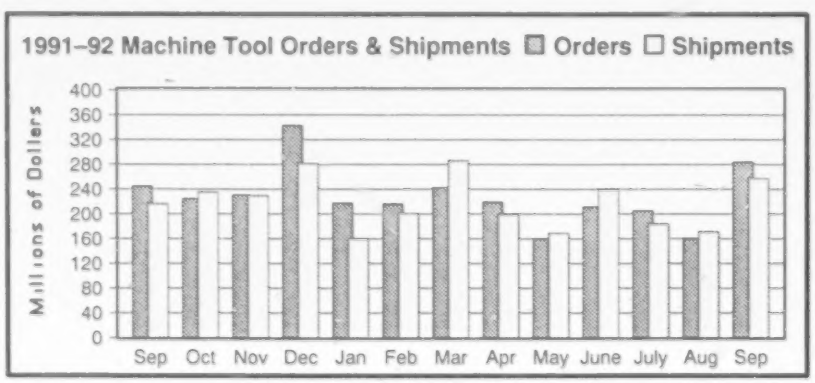
FOR RELEASE: October 26, 1992

## Machine tool orders up in September

September machine tool orders were $283.85 million, up 77.1% from August's $160.25 million, according to figures released today by AMT – The Association For Manufacturing Technology. Year-to-date 1992 machine tool orders through September total $1,916.00 million, up 3.9% compared to the same period in 1991. Compared to September 1991, September 1992 total orders were up 16%.

Machine tool shipments in September totaled $257.70 million, up 50.3% compared to August's $171.45 million. Year-to-date shipments through September totaled $1,868.70 million, 2.9% below the comparable figure for 1991. Comparing September 1992 to September 1991, machine tool shipments were up 18.9%.




AMT President Albert W. Moore said, "The increase in this month's orders was no surprise. Exhibitors, both foreign and domestic, report that the International Manufacturing Technology Show [IMTS 92] held last month in Chicago was an overwhelming success. There may even be some carryover into October's reporting period. However, due to the deepening decline in export orders, it is unlikely that the industry will post a fourth quarter equal to the $798 million posted in 1991."

(more)

**Metal Cutting**

September metal cutting machine tool orders were $212.70 million, up 132.5% from August's $91.50 million. Year–to–date metal cutting orders were up 16.1% compared to 1991. Compared to September 1991, September 1992 metal cutting orders were up 22.2%.

September metal cutting shipments totaled $203.40 million, up 54.5% from August. Year–to–date metal cutting shipments were up 2.9% compared to 1991. Comparing September 1992 to September 1991, metal cutting shipments were up 21.9%.

**Metal Forming**

At $71.15 million, September metal forming orders were up 3.5% compared to August's $68.75 million. Compared to 1991, year–to–date 1992 metal forming orders were down 1.5%. September 1992 metal forming orders were level with September 1991 orders.

At $54.30 million, September metal forming shipments were up 36.6% for the month. Year–to–date 1992 metal forming shipments were down 16.2% compared to 1991. Compared to September 1991, September 1992 metal forming shipments were up 8.8%.

**Backlog**

The machine tool order backlog for September 1992 was $1,484.35 million, up from August's $1,458.20 million. The September 1991 backlog was $1,386.80 million.

# # #

COMPARISON CHART

# AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

September 1992

| | Sep 92 (P) | Previous Month (R) | % Change | Year Ago Month | % Change | YTD 92 | YTD 91 | % Change YTD |
|---|---|---|---|---|---|---|---|---|
| **NET NEW ORDERS** | | | | | | | | |
| (Domestic & Export) | | | | | | | | |
| Metal Cutting | 212.70 | 91.50 | *132.5* | 174.05 | *22.2* | 1,373.20 | 1,292.90 | *16.1* |
| Metal Forming | 71.15 | 68.75 | *3.5* | 70.75 | *0.6* | 542.80 | 550.95 | *–1.5* |
| **Total Orders** | 283.85 | 160.25 | *77.1* | 244.80 | *16.0* | 1,916.00 | 1,843.85 | *3.9* |
| (Exports Only) | | | | | | | | |
| Metal Cutting | 43.50 | 16.70 | *160.5* | 23.80 | *82.8* | 173.80 | 259.80 | *–33.1* |
| Metal Forming | 9.55 | 7.90 | *20.9* | 14.45 | *–33.9* | 95.25 | 140.75 | *–32.3* |
| **Total Export Orders** | 53.05 | 24.60 | *115.7* | 38.25 | *38.7* | 269.05 | 400.55 | *–32.8* |
| **SHIPMENTS** | | | | | | | | |
| (Domestic & Export) | | | | | | | | |
| Metal Cutting | 203.40 | 131.70 | *54.5* | 166.80 | *21.9* | 1,372.15 | 1,333.15 | *2.9* |
| Metal Forming | 54.30 | 39.75 | *36.6* | 49.90 | *8.8* | 496.55 | 592.30 | *–16.2* |
| **Total Shipments** | 257.70 | 171.45 | *50.3* | 216.70 | *18.9* | 1,868.70 | 1,925.45 | *–2.9* |
| (Exports Only) | | | | | | | | |
| Metal Cutting | 36.20 | 24.45 | *48.1* | 25.90 | *39.8* | 212.00 | 193.50 | *9.6* |
| Metal Forming | 5.20 | 6.60 | *–21.2* | 13.85 | *–62.5* | 102.40 | 145.85 | *–29.8* |
| **Total Export Shipments** | 41.40 | 31.05 | *33.3* | 39.75 | *4.2* | 314.40 | 339.35 | *–7.4* |

P – preliminary R – revised

Source: AMT – The Association For Manufacturing Technology

# AMT INDUSTRY ESTIMATES

September 1992

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

| | NET NEW ORDERS | | | Order | SHIPMENTS | | | GROSS NEW ORDERS | | | CANCELLATIONS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DATE | Domestic | Export | Total | Backlog | Domestic | Export | Total | Domestic | Export | Total | Domestic | Export | Total |
| 1991 | 2,095.55 | 546.55 | 2,642.10 | 1,437.05 | 2,219.95 | 453.50 | 2,673.45 | 2,201.45 | 571.85 | 2,773.30 | 105.90 | 25.30 | 131.20 |
| 1992 | | | | | | | | | | | | | |
| JAN | 204.25 | 13.15 | 217.40 | 1,494.65 | 135.55 | 24.25 | 159.80 | 212.40 | 14.75 | 227.15 | 8.15 | 1.60 | 9.75 |
| FEB | 186.00 | 30.25 | 216.25 | 1,509.90 | 168.40 | 32.60 | 201.00 | 207.70 | 31.95 | 239.65 | 21.70 | 1.70 | 23.40 |
| MAR | 210.85 | 31.95 | 242.80 | 1,466.20 | 238.00 | 48.50 | 286.50 | 228.70 | 32.10 | 260.80 | 17.85 | 0.15 | 18.00 |
| APR | 190.30 | 29.20 | 219.50 | 1,486.40 | 165.15 | 34.15 | 199.30 | 196.40 | 30.80 | 227.20 | 6.10 | 1.60 | 7.70 |
| MAY | 134.10 | 25.05 | 159.15 | 1,476.05 | 133.70 | 35.80 | 169.50 | 144.95 | 26.90 | 171.85 | 10.85 | 1.85 | 12.70 |
| JUN | 174.95 | 36.50 | 211.45 | 1,448.05 | 202.60 | 36.85 | 239.45 | 181.80 | 37.45 | 219.25 | 6.85 | 0.95 | 7.80 |
| JUL | 180.05 | 25.30 | 205.35 | 1,469.40 | 154.20 | 29.80 | 184.00 | 184.20 | 26.55 | 210.75 | 4.15 | 1.25 | 5.40 |
| AUG (R) | 135.65 | 24.60 | 160.25 | 1,458.20 | 140.40 | 31.05 | 171.45 | 140.00 | 24.70 | 164.70 | 4.35 | 0.10 | 4.45 |
| SEP (P) | 230.80 | 53.05 | 283.85 | 1,484.35 | 216.30 | 41.40 | 257.70 | 238.50 | 55.85 | 294.35 | 7.70 | 2.80 | 10.50 |
| TOTALS | 1,646.95 | 269.05 | 1,916.00 | | 1,554.30 | 314.40 | 1,868.70 | 1,734.65 | 281.05 | 2,015.70 | 87.70 | 12.00 | 99.70 |

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

# AMT INDUSTRY ESTIMATES

September 1992

## METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

| DATE | NET NEW ORDERS Domestic | Export | Total | Order Backlog | SHIPMENTS Domestic | Export | Total | GROSS NEW ORDERS Domestic | Export | Total | CANCELLATIONS Domestic | Export | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | 1,549.20 | 344.75 | 1,893.95 | 1,186.15 | 1,595.35 | 276.45 | 1,871.80 | 1,642.65 | 365.95 | 2,008.60 | 93.45 | 21.20 | 114.65 |
| 1992 | | | | | | | | | | | | | |
| JAN | 153.40 | 5.15 | 158.55 | 1,238.45 | 97.50 | 8.75 | 106.25 | 158.90 | 6.70 | 165.60 | 5.50 | 1.55 | 7.05 |
| FEB | 140.65 | 18.95 | 159.60 | 1,257.80 | 121.80 | 18.45 | 140.25 | 160.70 | 20.60 | 181.30 | 20.05 | 1.65 | 21.70 |
| MAR | 163.20 | 20.20 | 183.40 | 1,225.75 | 185.70 | 29.75 | 215.45 | 179.55 | 20.30 | 199.85 | 16.35 | 0.10 | 16.45 |
| APR | 134.25 | 23.75 | 158.00 | 1,227.30 | 130.50 | 25.95 | 156.45 | 139.30 | 24.05 | 163.35 | 5.05 | 0.30 | 5.35 |
| MAY | 96.50 | 12.85 | 109.35 | 1,212.25 | 100.30 | 24.10 | 124.40 | 107.05 | 14.65 | 121.70 | 10.55 | 1.80 | 12.35 |
| JUN | 124.75 | 20.75 | 145.50 | 1,196.60 | 139.80 | 21.35 | 161.15 | 130.35 | 21.65 | 152.00 | 5.60 | 0.90 | 6.50 |
| JUL | 142.65 | 11.95 | 154.60 | 1,218.10 | 110.10 | 23.00 | 133.10 | 145.95 | 13.15 | 159.10 | 3.30 | 1.20 | 4.50 |
| AUG (R) | 74.80 | 16.70 | 91.50 | 1,177.90 | 107.25 | 24.45 | 131.70 | 78.70 | 16.75 | 95.45 | 3.90 | 0.05 | 3.95 |
| SEP (P) | 169.20 | 43.50 | 212.70 | 1,187.20 | 167.20 | 36.20 | 203.40 | 175.45 | 44.50 | 219.95 | 6.25 | 1.00 | 7.25 |
| TOTALS | 1,199.40 | 173.80 | 1,373.20 | | 1,160.15 | 212.00 | 1,372.15 | 1,275.95 | 182.35 | 1,458.30 | 76.55 | 8.55 | 85.10 |

## METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

| DATE | NET NEW ORDERS Domestic | Export | Total | Order Backlog | SHIPMENTS Domestic | Export | Total | GROSS NEW ORDERS Domestic | Export | Total | CANCELLATIONS Domestic | Export | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | 546.35 | 201.80 | 748.15 | 250.90 | 624.60 | 177.05 | 801.65 | 558.80 | 205.90 | 764.70 | 12.45 | 4.10 | 16.55 |
| 1992 | | | | | | | | | | | | | |
| JAN | 50.85 | 8.00 | 58.85 | 256.20 | 38.05 | 15.50 | 53.55 | 53.50 | 8.05 | 61.55 | 2.65 | 0.05 | 2.70 |
| FEB | 45.35 | 11.30 | 56.65 | 252.10 | 46.60 | 14.15 | 60.75 | 47.00 | 11.35 | 58.35 | 1.65 | 0.05 | 1.70 |
| MAR | 47.65 | 11.75 | 59.40 | 240.45 | 52.30 | 18.75 | 71.05 | 49.15 | 11.80 | 60.95 | 1.50 | 0.05 | 1.55 |
| APR | 56.05 | 5.45 | 61.50 | 259.10 | 34.65 | 8.20 | 42.85 | 57.10 | 6.75 | 63.85 | 1.05 | 1.30 | 2.35 |
| MAY | 37.60 | 12.20 | 49.80 | 263.80 | 33.40 | 11.70 | 45.10 | 37.90 | 12.25 | 50.15 | 0.30 | 0.05 | 0.35 |
| JUN | 50.20 | 15.75 | 65.95 | 251.45 | 62.80 | 15.50 | 78.30 | 51.45 | 15.80 | 67.25 | 1.25 | 0.05 | 1.30 |
| JUL | 37.40 | 13.35 | 50.75 | 251.30 | 44.10 | 6.80 | 50.90 | 38.25 | 13.40 | 51.65 | 0.85 | 0.05 | 0.90 |
| AUG (R) | 60.85 | 7.90 | 68.75 | 280.30 | 33.15 | 6.60 | 39.75 | 61.30 | 7.95 | 69.25 | 0.45 | 0.05 | 0.50 |
| SEP (P) | 61.60 | 9.55 | 71.15 | 297.15 | 49.10 | 5.20 | 54.30 | 63.05 | 11.35 | 74.40 | 1.45 | 1.80 | 3.25 |
| TOTALS | 447.55 | 95.25 | 542.80 | | 394.15 | 102.40 | 496.55 | 458.70 | 98.70 | 557.40 | 11.15 | 3.45 | 14.60 |

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

# QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

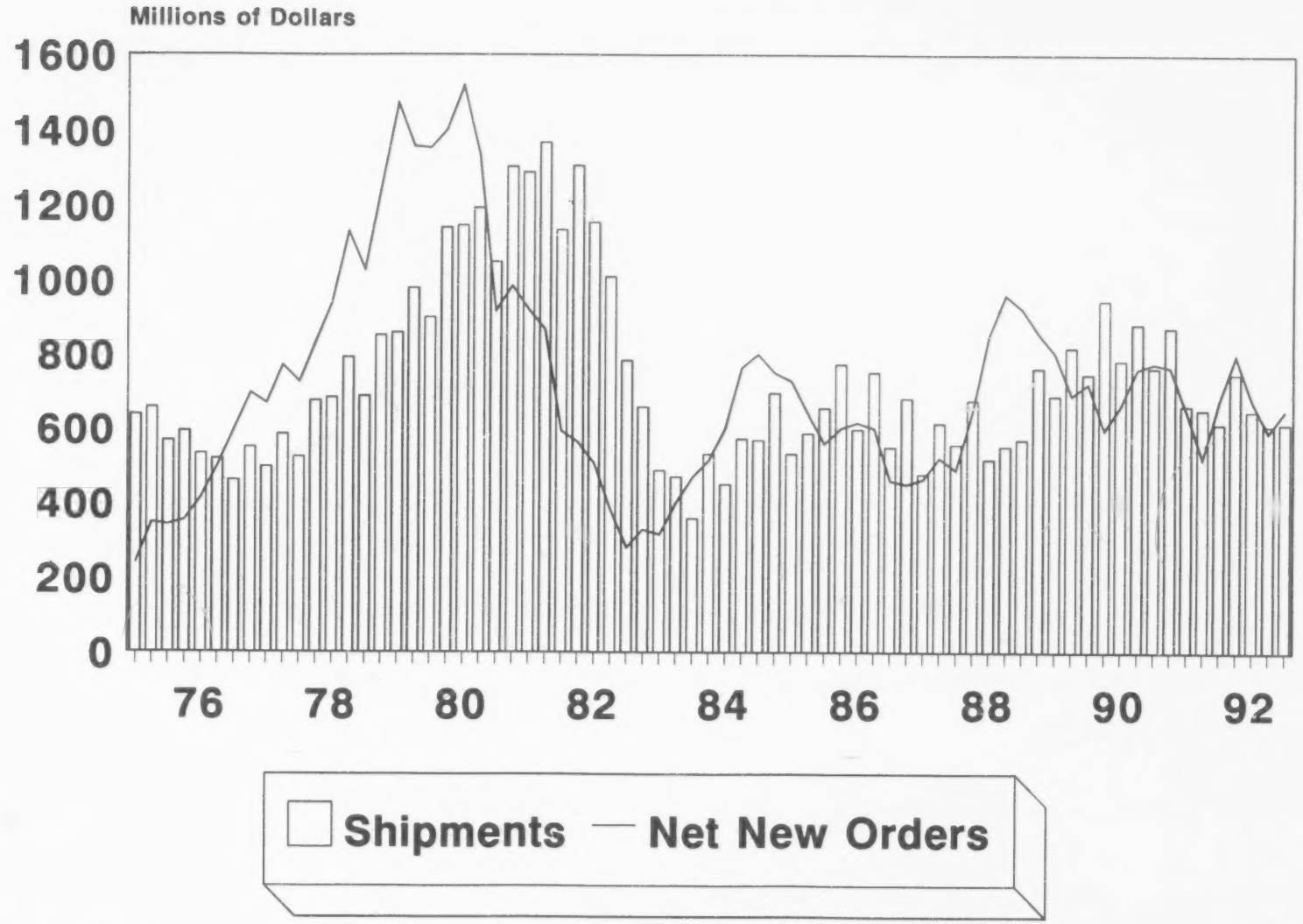
(Dollar Figures in Thousands)
1986 to Date

| | Cutting and Forming | | | Cutting | | | Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | SHIPMENTS | | NET | SHIPMENTS | | NET | SHIPMENTS | | NET |
| DATE | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS |
| 1986-1 | $ 597,300 | $ 67,500 | $ 615,750 | $ 386,950 | $ 55,200 | $ 463,500 | $ 210,350 | $ 12,300 | $ 152,250 |
| 2 | 751,000 | 64,100 | 600,600 | 569,350 | 49,500 | 434,650 | 181,650 | 14,600 | 165,950 |
| 3 | 549,350 | 64,200 | 459,650 | 418,700 | 49,500 | 344,050 | 130,650 | 14,700 | 115,600 |
| 4 | 680,850 | 76,650 | 449,300 | 515,300 | 51,400 | 302,050 | 165,550 | 25,250 | 147,250 |
| Total | $2,578,500 | $272,450 | $2,125,300 | $1,890,300 | $205,600 | $1,544,250 | $ 688,200 | $ 66,850 | $ 581,050 |
| 1987-1 | $ 476,800 | $ 55,950 | $ 463,700 | $ 349,150 | $ 38,050 | $ 326,100 | $ 127,650 | $ 17,900 | $ 137,600 |
| 2 | 614,100 | 71,300 | 521,150 | 442,600 | 46,300 | 339,300 | 171,500 | 25,000 | 181,850 |
| 3 | 556,650 | 66,300 | 487,850 | 397,750 | 43,350 | 324,550 | 158,900 | 22,950 | 163,300 |
| 4 | 676,100 | 93,350 | 646,100 | 487,000 | 49,950 | 461,500 | 189,100 | 43,400 | 184,600 |
| Total | $2,323,650 | $286,900 | $2,118,800 | $1,676,500 | $177,650 | $1,451,450 | $ 647,150 | $ 109,250 | $ 667,350 |
| 1988-1 | $ 516,500 | $ 60,000 | $ 850,000 | $ 317,850 | $ 35,300 | $ 666,250 | $ 198,650 | $ 24,700 | $ 183,750 |
| 2 | 551,150 | 74,400 | 960,500 | 339,350 | 40,900 | 676,500 | 211,800 | 33,500 | 284,000 |
| 3 | 569,200 | 66,350 | 922,650 | 391,300 | 38,650 | 715,000 | 177,900 | 27,700 | 207,650 |
| 4 | 762,250 | 96,050 | 857,700 | 526,050 | 59,600 | 650,150 | 236,200 | 36,450 | 207,550 |
| Total | $2,399,100 | $296,800 | $3,590,850 | $1,574,550 | $174,450 | $2,707,900 | $ 824,550 | $ 122,350 | $ 882,950 |
| 1989-1 | $ 687,650 | $ 81,400 | $ 803,300 | $ 481,550 | $ 70,900 | $ 602,550 | $ 206,100 | $ 30,500 | $ 200,750 |
| 2 | 817,850 | 101,150 | 688,500 | 578,150 | 84,450 | 459,550 | 239,700 | 36,700 | 228,950 |
| 3 | 745,500 | 109,350 | 720,450 | 574,000 | 82,600 | 481,900 | 171,500 | 26,750 | 238,550 |
| 4 | 944,600 | 140,350 | 595,700 | 724,900 | 101,450 | 432,350 | 219,700 | 38,900 | 163,350 |
| Total | $3,195,600 | $432,250 | $2,807,950 | $2,358,600 | $299,400 | $1,976,350 | $ 837,000 | $ 132,850 | $ 831,600 |
| 1990-1 | $ 783,250 | $104,650 | $ 661,700 | $ 545,850 | $ 79,050 | $ 455,650 | $ 237,400 | $ 25,600 | $ 206,050 |
| 2 | 881,300 | 108,700 | 760,950 | 638,800 | 84,750 | 533,050 | 242,500 | 23,950 | 227,900 |
| 3 | 763,650 | 92,550 | 775,400 | 507,500 | 59,350 | 584,450 | 256,150 | 33,200 | 190,950 |
| 4 | 871,700 | 138,450 | 766,650 | 637,450 | 102,000 | 497,150 | 234,250 | 36,450 | 269,500 |
| Total | $3,299,900 | $444,350 | $2,964,700 | $2,329,600 | $325,150 | $2,070,300 | $ 970,300 | $ 119,200 | $ 894,400 |
| 1991-1 | $ 661,550 | $104,250 | $ 650,450 | $ 417,800 | $ 66,350 | $ 469,850 | $ 243,750 | $ 37,900 | $ 180,600 |
| 2 | 651,050 | 124,150 | 519,600 | 461,800 | 73,700 | 377,000 | 189,250 | 50,450 | 142,600 |
| 3 | 612,850 | 110,950 | 673,800 | 453,550 | 53,450 | 446,050 | 159,300 | 57,500 | 227,750 |
| 4 | 748,000 | 114,150 | 798,250 | 538,650 | 82,950 | 601,050 | 209,350 | 31,200 | 197,200 |
| Total | $2,673,450 | $453,500 | $2,642,100 | $1,871,800 | $276,450 | $1,893,950 | $ 801,650 | $ 177,050 | $ 748,150 |
| 1992-1 | $ 647,300 | $105,350 | $ 676,450 | $ 461,950 | $ 56,950 | $ 501,550 | $ 185,350 | $ 48,400 | $ 174,900 |
| 2 | 608,250 | 106,800 | 590,100 | 442,000 | 71,400 | 412,850 | 166,250 | 35,400 | 177,250 |
| 3P | 613,150 | 102,250 | 649,450 | 468,200 | 83,650 | 458,800 | 144,950 | 18,600 | 190,650 |
| Total | $1,868,700 | $314,400 | $1,916,000 | $1,372,150 | $212,000 | $1,373,200 | $ 496,550 | $ 102,400 | $ 542,800 |

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

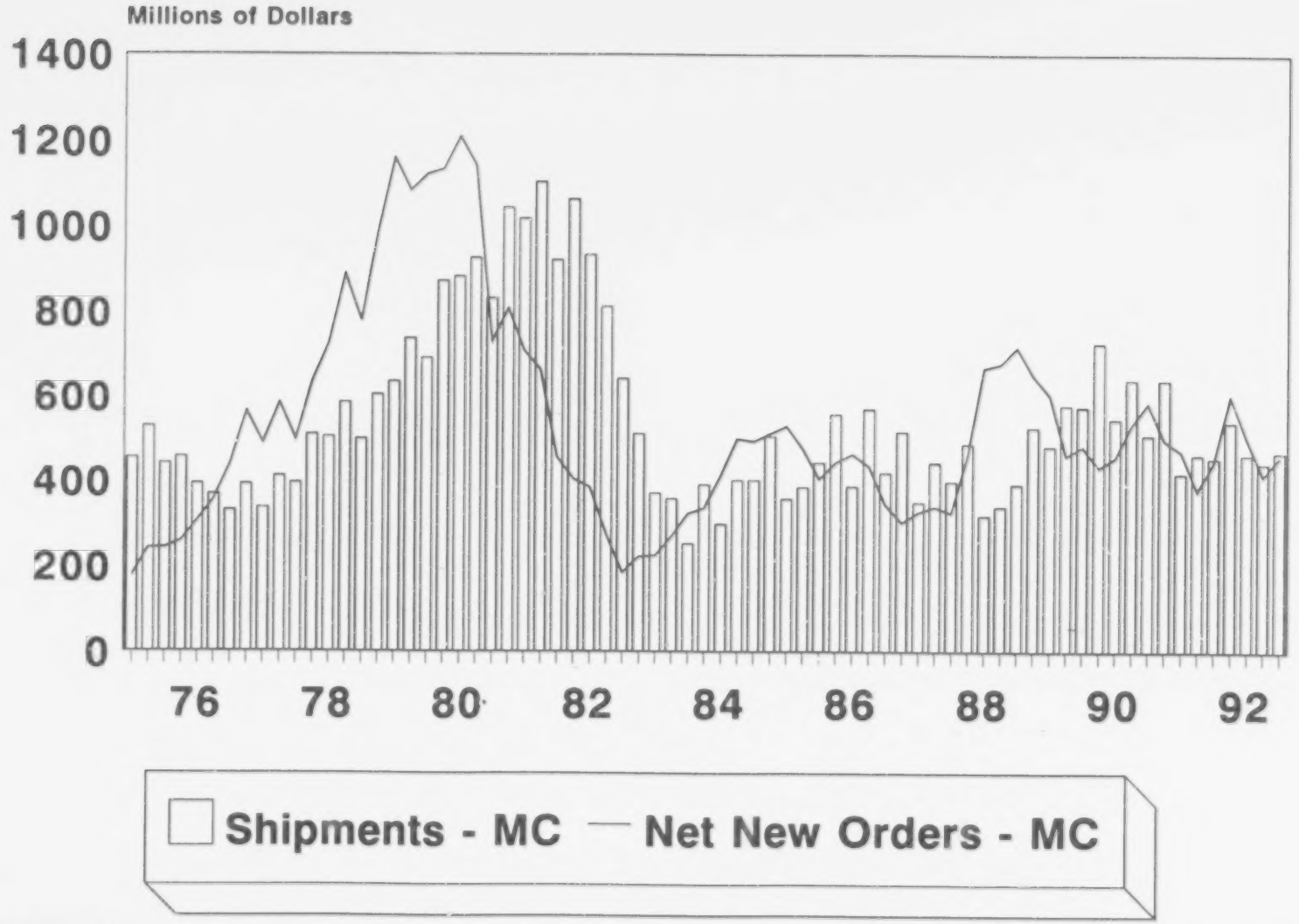
October 26, 1992

# Total Machine Tools
# Shipments and Net New Orders, Quarterly



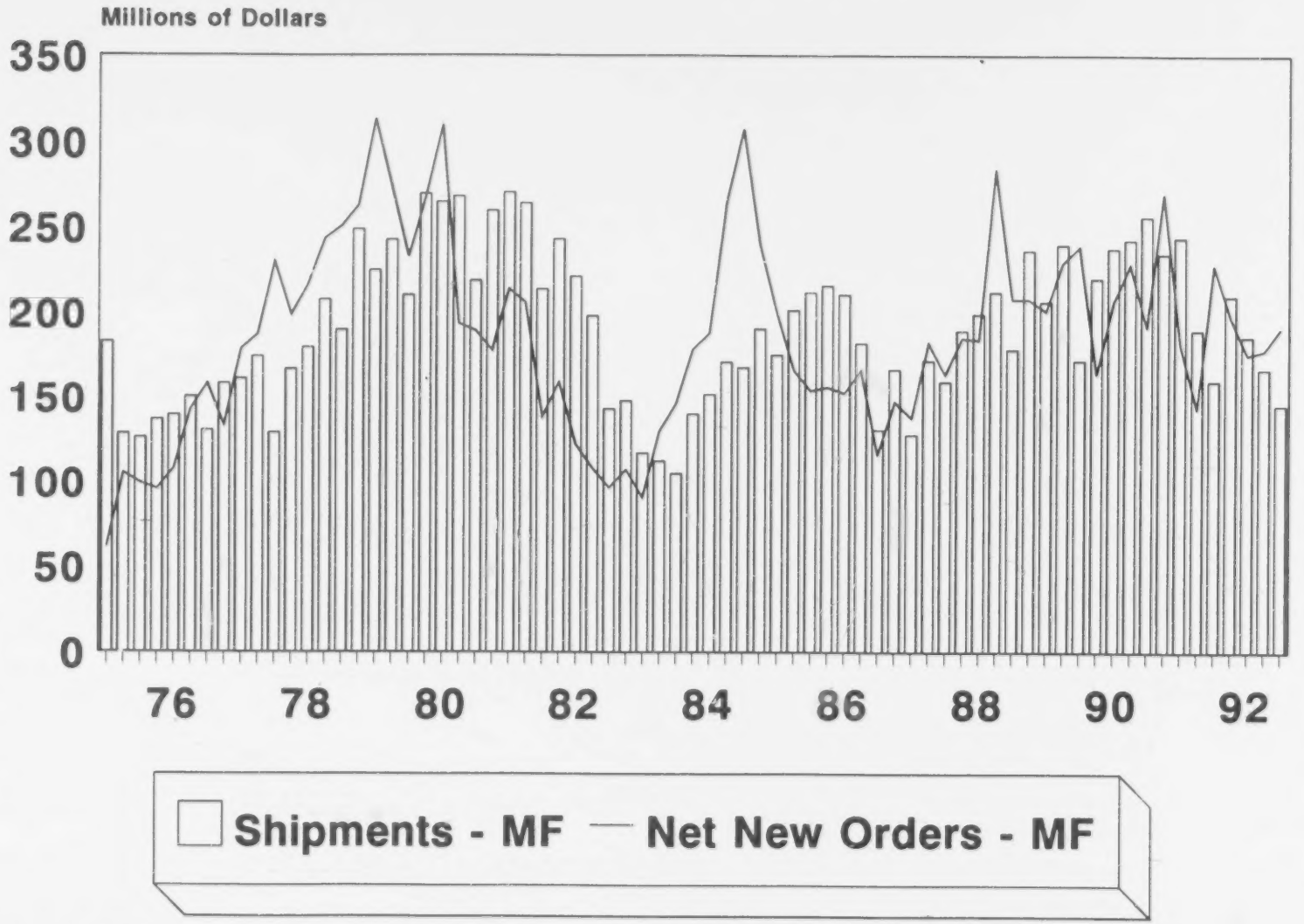

Compiled by AMT

# Metal Cutting Machine Tools
# Shipments and Net New Orders, Quarterly




Compiled by AMT

# Metal Forming Machine Tools
# Shipments and Net New Orders, Quarterly




Compiled by AMT